

103x²

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Chris BERTELO et al.

Serial No.: 09/088,707 *pd*

Filed: June 2, 1998



Examiner: J. Mullis

Group Art Unit: 1711

For: IMPACT ADDITIVE OF THE CORE/SHELL TYPE FOR THERMOPLASTIC POLYMERS (AS AMENDED)

103x²
Supply
Art
Unit
1711
J. Mullis

SECOND SUPPLEMENTAL AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Further to the Amendment filed on March 20, 2000, and Supplemental Amendment filed on June 26, 2000, please amend the above-identified application as follows and consider the remarks.

IN THE CLAIMS

Please add the following claims:

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Such impact additive comprising:

69. A thermoplastic polymer composition containing a core-shell impact additive, such impact additive comprising:

(a) 70% to 90% by weight of a crosslinked elastomeric core composed of either a polyorganosiloxane or a copolymer of an n-alkyl acrylate, the n-alkyl group having from 5 to 12 carbon atoms, said elastomeric core further comprising:

a polyfunctional crosslinking agent possessing unsaturated groups in its molecules, at least one of which is a vinyl group, and

diallyl maleate as a grafting agent, *and*

with the provision that when the crosslinked elastomeric core is composed of a polyorganosiloxane, said polyorganosiloxane amounts to no more than 40% by weight of said crosslinked elastomeric core, and